



Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 188

*One Hamilton County Square
Noblesville, Indiana 46060-2230*

August 30, 2006

To: Hamilton County Drainage Board

Re: Vestal/Kirkendall Drain

Attached is a petition and plans for the proposed relocation and reconstruction of the Metzker & Klingensmith portion of the Emily Vestal Drain. The relocation and reconstruction is being proposed by Carmel Clay School Corporation. The proposal is to reconstruct the drain from the north property line (131st Street) to the east property line (River Road) of Carmel Clay School's Tract, Number 17-10-27-00-00-006.000. The reconstruction is in relation to the Carmel Soccer Fields at River Road.

A total length of 2,484 feet of open drain is being reconstructed in place with new flowline profile and cross-section as shown on the plans by P. I. Cripe, dated December 1, 2005 and having project number 040427-20001, Sheets C701 through C705. This section of ditch is located between approximately Stations 35+69 and 60+53 per the 1882 legal description, which is Station 56+84 to Station 81+67 as shown on the plans by Weihe Engineers dated November 25, 1995.

Since the reconstruction is being done in place of the existing channel the project will not change the drains total length.

The cost of the relocation and reconstruction is to be paid by Carmel Clay Schools as part of the Soccer Field Project for Carmel Dad's Club.

Since the project is being constructed by a public school, no bonds were required per the August 9, 2004 Drainage Board Meeting (Drainage Board Minutes Book 7, page 517).

I recommend that this section of Vestal Drain be placed on maintenance at this time. The maintenance area shall be from the south right of way of 131st Street, approximately Station 35+69, to the west right of way of River Road, approximately Station 60+53.

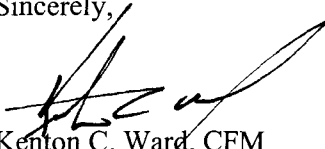
The following tract should be added to the maintenance assessment for the Vestal/Kirkendall Drain at the current rate of \$2.00 per acre, with a \$15.00 minimum:

<u>Parcel</u>	<u>Owner</u>	<u>Acres</u>
17-10-27-00-00-006.000	Carmel Clay Schools	69.85 ac.

With this assessment the total annual assessment for this drain/this section will be \$139.70.

I recommend the Board set a hearing for this drain for October 23, 2006.

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/llm

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

Vestal/Kirkendall Drain, Carmel Soccer Fields Reconstruction

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the **Vestal/Kirkendall Drain, Carmel Soccer Fields Reconstruction** on **October 23, 2006, at 9:05 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana. Construction and maintenance reports of the Surveyor and the Schedule of Assessments proposed by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

STATE OF INDIANA)
) SS BEFORE THE HAMILTON
)
COUNTY OF HAMILTON) DRAINAGE BOARD

**IN THE MATTER OF Vestal/Kirkendall Drainage Area, Carmel
Soccer Fields Relocation**

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **October 23, 2006** adopted the reconstruction report of the Surveyor and the Amended Schedule of damages and assessments including annual assessment for periodic maintenance, finding that the costs, damages and expense of the proposed improvement would be less than the benefits which will result to the owner of lands benefited thereby.

The Board issued an order declaring the proposed improvement established. Such findings and order were marked filed and are available for inspection in the Office of the Hamilton County Surveyor.

If judicial review of the findings and order of the Board is not requested pursuant to Article VIII of the 1965 Indiana Drainage Code as amended within twenty (20) days from the date of publication of this notice, the findings and order shall become conclusive.

HAMILTON COUNTY DRAINAGE BOARD

BY: Steven C. Dillinger
PRESIDENT

ATTEST: Lynette Mosbaugh
EXECUTIVE SECRETARY

FINDINGS AND ORDER

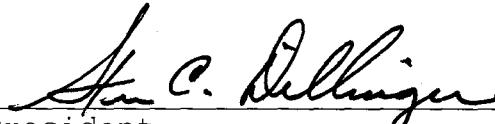
CONCERNING THE MAINTENANCE OF THE

Vestal/Kirkendall Drainage Area, Carmel Soccer Fields Arm

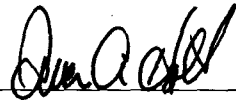
On this **23rd day of October 2006**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Vestal/Kirkendall Drainage Area, Carmel Soccer Fields Arm**.

Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

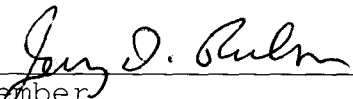
HAMILTON COUNTY DRAINAGE BOARD



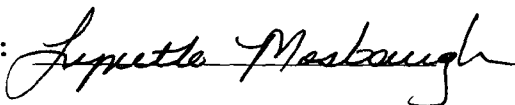
President



Member



Member

Attest: 

STATE OF INDIANA)
) ss:
COUNTY OF HAMILTON)

BEFORE THE HAMILTON COUNTY
DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN THE MATTER OF THE
RECONSTRUCTION OF THE
Vestal/Kirkendall Drainage Area, Carmel Soccer Fields Relocation

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the **Vestal/Kirkendall Drainage Area, Carmel Soccer Fields Relocation** came before the Hamilton County Drainage Board for hearing **on October 23, 2006**, on the Reconstruction Report consisting of the report and the Schedule of Damages and Assessments. The Board also received and considered the written objection of an owner of certain lands affected by the proposed Reconstruction, said owner being:

Evidence was heard on the Reconstruction Report and on the aforementioned objections.

The Board, having considered the evidence and objections, and, upon motion duly made, seconded and unanimously carried, did find and determine that the costs, damages and expenses of the proposed Reconstruction will be less than the benefits accruing to the owners of all land benefited by the Reconstruction.

The Board having considered the evidence and objections, upon motion duly made, seconded and unanimously carried, did adopt the Schedule of Assessments as proposed, subject to amendment after inspection of the subject drain as it relates to the lands of any owners which may have been erroneously included or omitted from the Schedule of Assessments.

The Board further finds that it has jurisdiction of these proceedings and that all required notices have been duly given or published as required by law.

Wherefore, it is ORDERED, that the proposed Reconstruction of the **Vestal/Kirkendall Drainage Area, Carmel Soccer Fields Relocation** be and is hereby declared established.

Thereafter, the Board made inspection for the purpose of determining whether or not the lands of any owners had been erroneously included or excluded from the Schedule of Assessments. The Board finds on the basis of the reports and findings at this hearing as follows:

HAMILTON COUNTY DRAINAGE BOARD

Alan C. Dillinger
PRESIDENT

Over A. Holt
Member

Jerry D. Purlin
Member

ATTEST:

Supette Mostaugh
Executive Secretary

**Gasb 34 Asset Price &
Drain Length Log**

Drain-Improvement: Vestal-Kirkendall Drain: Carmel Soccer Fields Reconstr.

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
open ditch		2484			19.55 lf	48562.2

Sum: _____ \$48,562.20

Final Report: _____

Comments:



Kenton C. Ward, CFM
Surveyor of Hamilton County
Phone (317) 776-8495
Fax (317) 776-9628

Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

December 12, 2007

Re: Vestal-Kirkendall: Carmel Soccer Fields Relocation

Attached are plans and other information for the Carmel Soccer Field Relocation of the Vestal-Kirkendall Drain. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

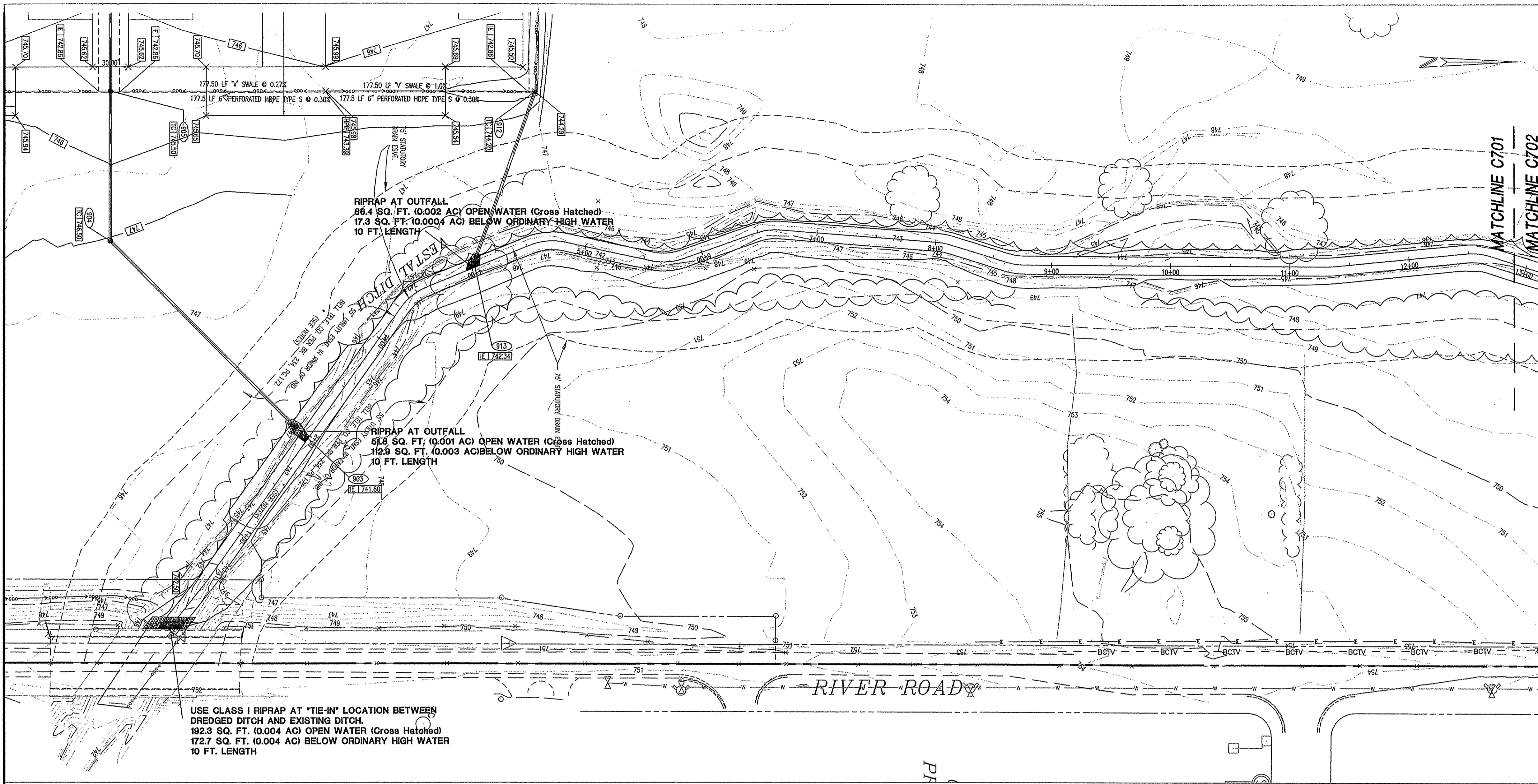
During construction, changes there were no significant changes made to the drainage plans submitted with my report for this drain dated August 30, 2006. (See Drainage Board Minutes Book 9, Pages 485-487) Therefore, the length of the drain remains at **2484 feet**.

Sureties were not obtained since the project was done by a public school. I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,

Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/slm



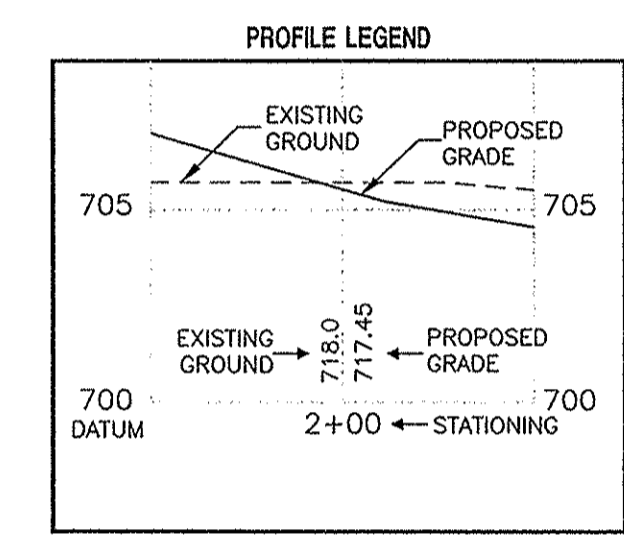
NOTES:

2. USE DETAIL ST-3A ON SHEET C507 FOR PRECAST CONCRETE END SECTION DETAIL AT OUTLET OF PIPE DISCHARGE. REFER TO STORM STRUCTURE DATA TABLE ST-71 ON SHEET C507. INSTALL RIPRAP APRON AS CALLED FOR ON PLANS AND IN ACCORDANCE WITH DETAIL 0-4 ON SHEET C508.
3. REFER TO SHEETS C703-C705 FOR VESTAL DITCH CROSS SECTIONS.

Erosion and Sediment Control Sequence

Vestal Ditch Dredging

1. Perform ditch dredging during dry conditions if possible.
2. Conduct dredging of the Vestal Ditch in an upstream direction.
3. Remove and stockpile ditch spoil at a Rule 5 or Rule 6 permitted site.
4. Conduct earth moving activities for Phase 1 to establish finished grade of the Vestal Ditch as indicated on the Construction Documents.
5. Install downstream riprap in accordance with Construction Documents.
6. Install riprap bank protection as indicated or as directed by regulatory agency or engineer.
7. On a daily basis, the channel will be stabilized with the installation of erosion control matting and with seeding of the area.
8. If weather delays permanent stabilization, temporary seeding and/or mulching may be necessary as a stopgap measure. Also stabilize (using temporary seeding/mulching or other suitable means) any disturbed area where active construction will not take place for 15 days.
9. After construction and final grading, landscape and permanently stabilize all disturbed sites, including borrow and disposal areas. Also remove temporary runoff control structures and any unstable sediment around them, and vegetate those areas.



"HOLEY MOLEY" SAYS CALL AT LEAST TWO FULL WORKING DAYS BEFORE YOU DIG... IT'S THE LAW.

1-800-382-5544
CALL TOLL FREE
1-800-428-5200
FOR CALLS OUTSIDE OF INDIANA

CAUTION

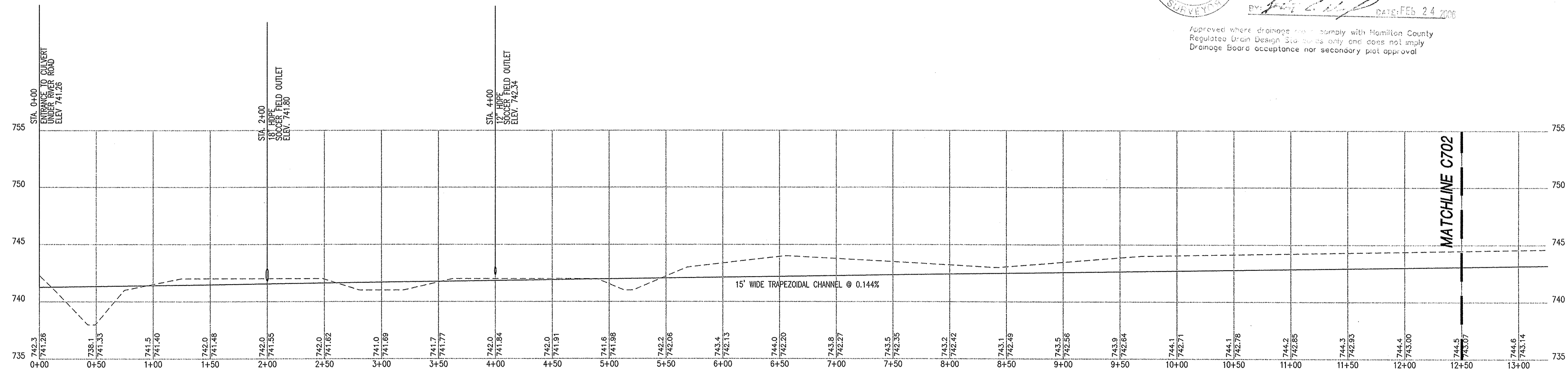
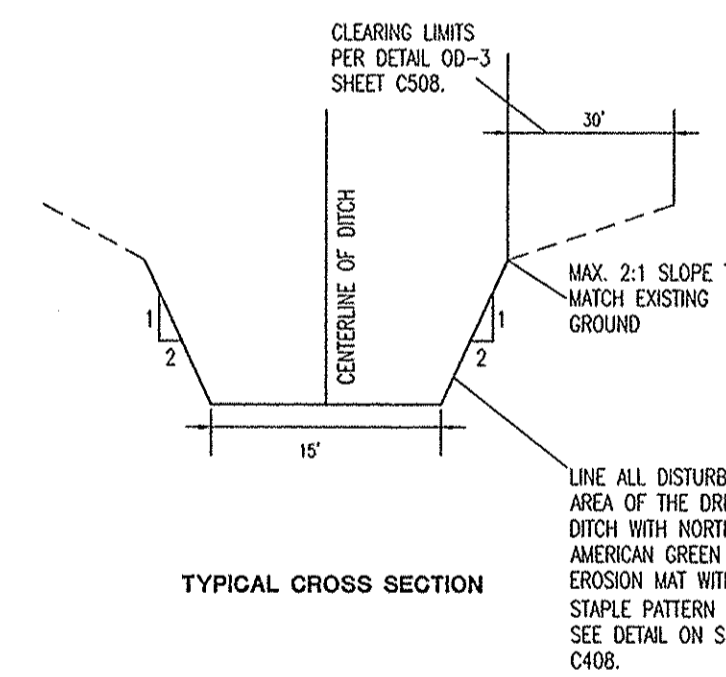
LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

HAMILTON COUNTY INDIANA SURVEYORS OFFICE

APPROVED

DATE: FEB 24 2006

Approved where drainage is in conformity with Hamilton County Regulated Urban Design Standards and does not imply Drainage Board acceptance nor secondary plat approval.



ARCHITECTURE: LANDSCAPE ARCHITECTURE
 LAND PLANNING
 TRANSPORTATION ENGINEERS
 GIS

7172 GRAHAM ROAD
 INDIANAPOLIS, IN 46250
 (317) 842-6777 F. (317) 841-4798
 E-Mail: cripe@cripe.biz

CRIFE
 Architects & Engineers

VESTAL DITCH IMPROVEMENTS PLAN AND PROFILE

Carmel Soccer Fields at River Road

Carmel Clay School Corporation

126th Street and River Road

DATE: 02/02/06

DAVID A. LACH
 REGISTERED PROFESSIONAL ENGINEER
 PE 100001283
 STATE OF INDIANA

Drawn By: KNDILE/JPHELAN
 Checked By: C. WISEMAN
 Quality Assurance: TOM SCHELLENBERGER

Scale: 1" = 50'

Sheet: **C701**

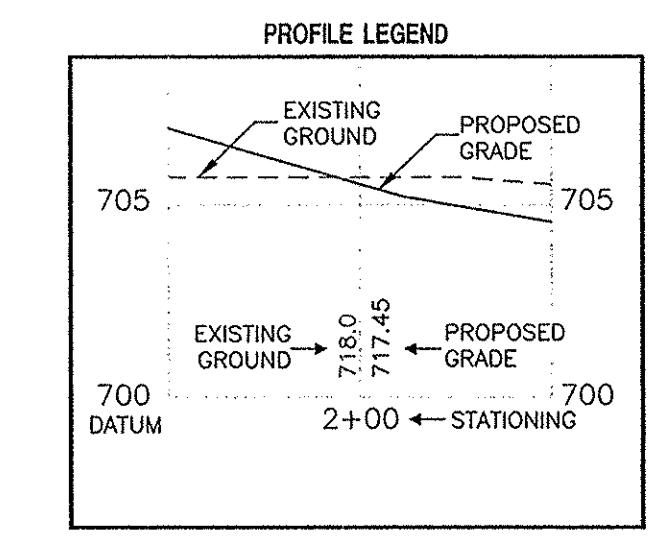
Date: 02-01-06
 Project Number: 040427-20001



NOTES:
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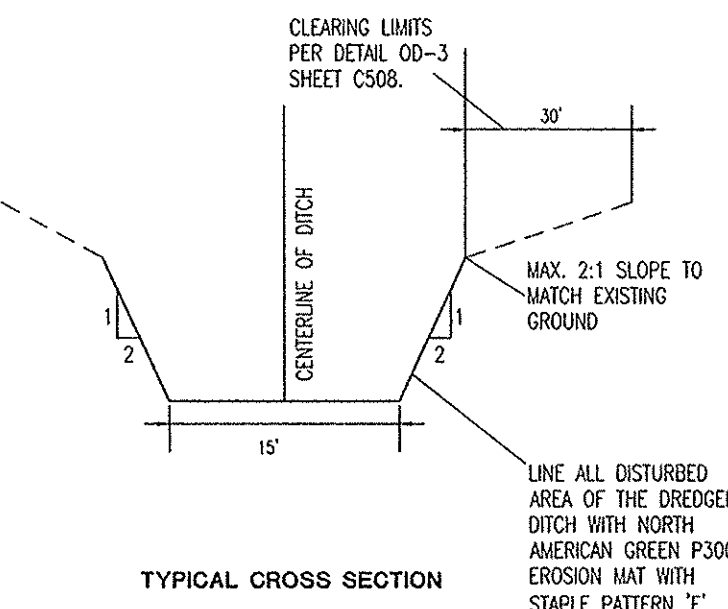
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 7. On a daily basis, the channel will be stabilized with the installation of erosion control matting and with seeding of the area.
 8. If weather delays permanent stabilization, temporary seeding and/or mulching may be necessary as a stopgap measure. Also stabilize (using temporary seeding/mulching or other suitable means) any disturbed area where active construction will not take place for 15 days.
 9. After construction and final grading, landscape and permanently stabilize all disturbed site, including borrow and disposal areas. Also remove temporary runoff control structures and any unstable sediment around them, and revegetate those areas.

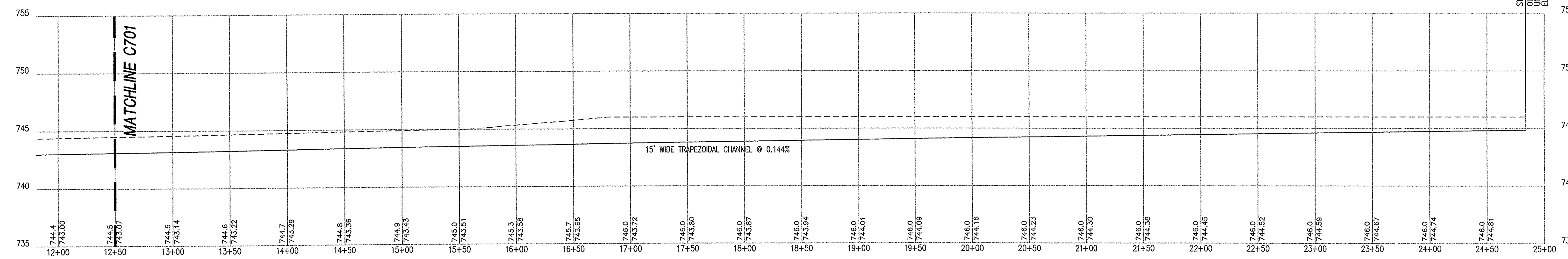


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HAMILTON COUNTY SURVEYORS OFFICE
APPROVED
 DATE: FEB 24 2006
 HAMILTON COUNTY, INDIANA
 REG. NO. 02000128
 Drains, Ditches, Erosion Control, etc.
 Drainage Board acceptance not necessary per approval



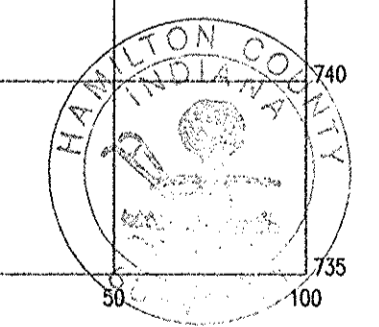
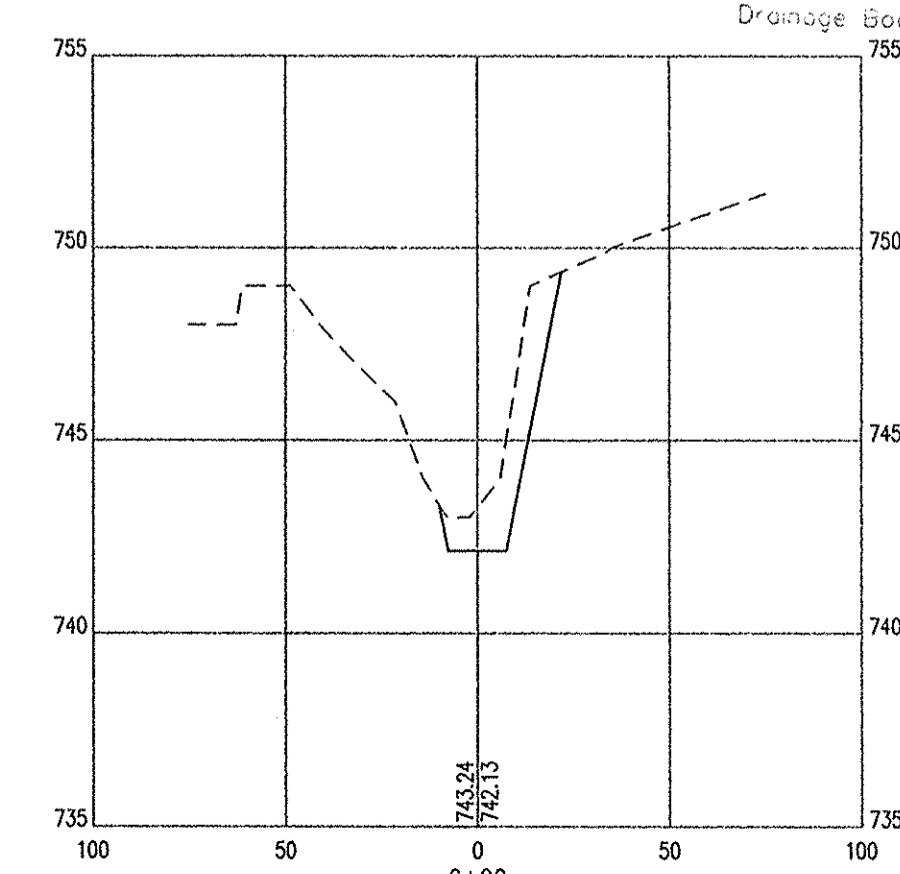
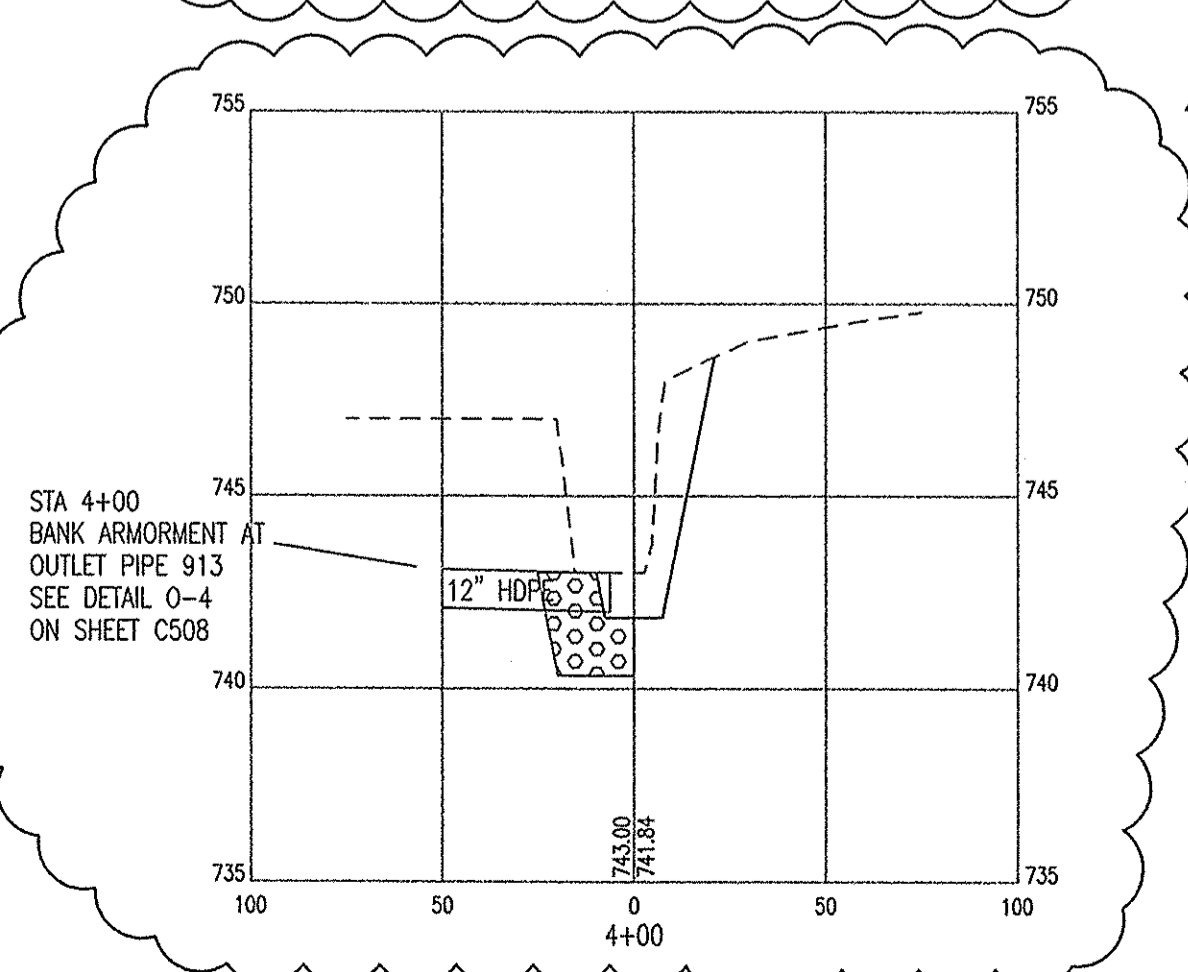
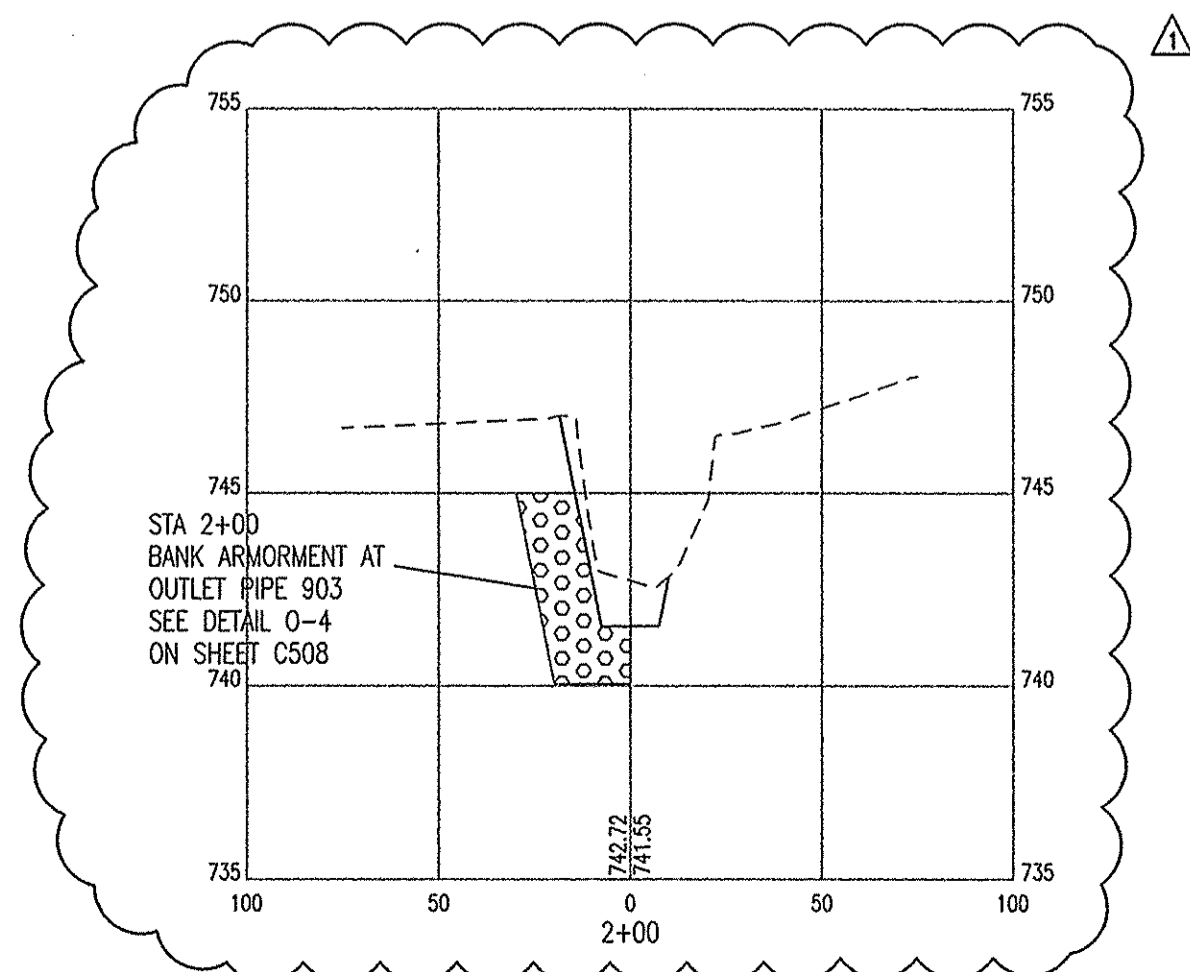
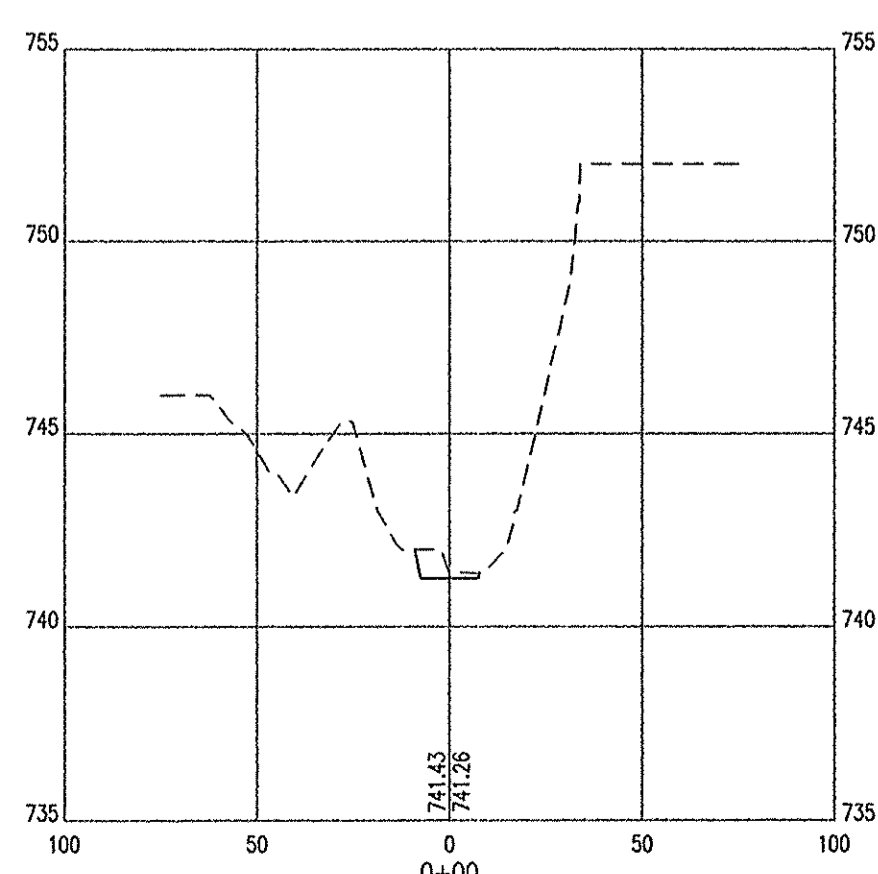
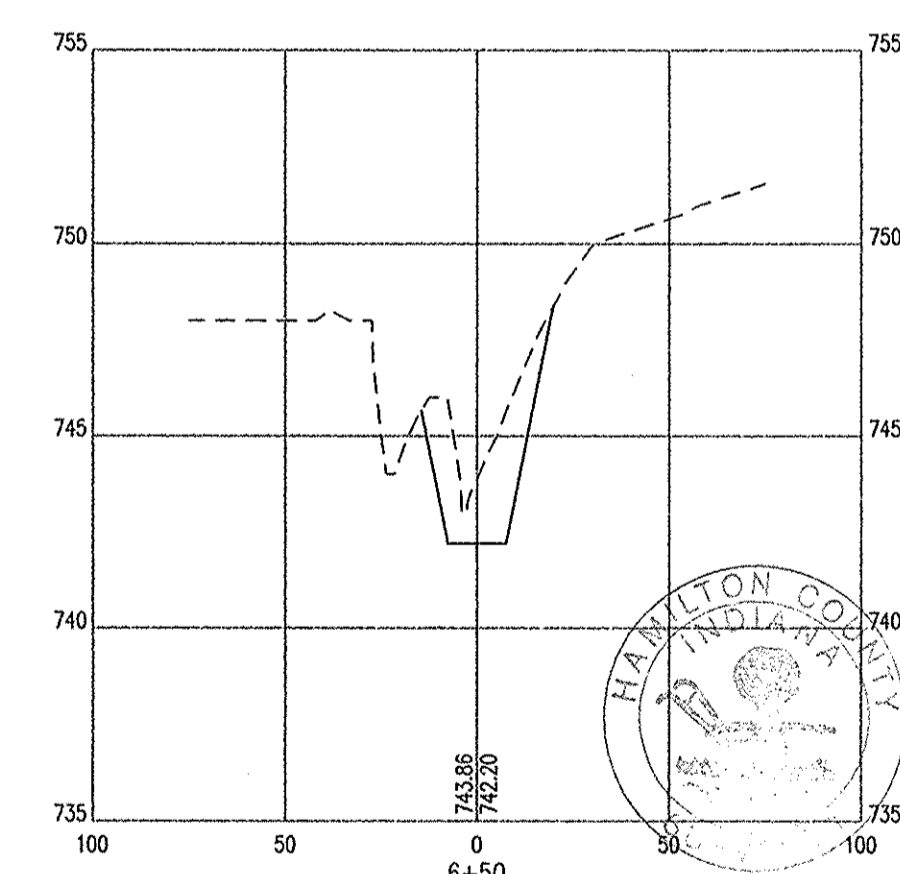
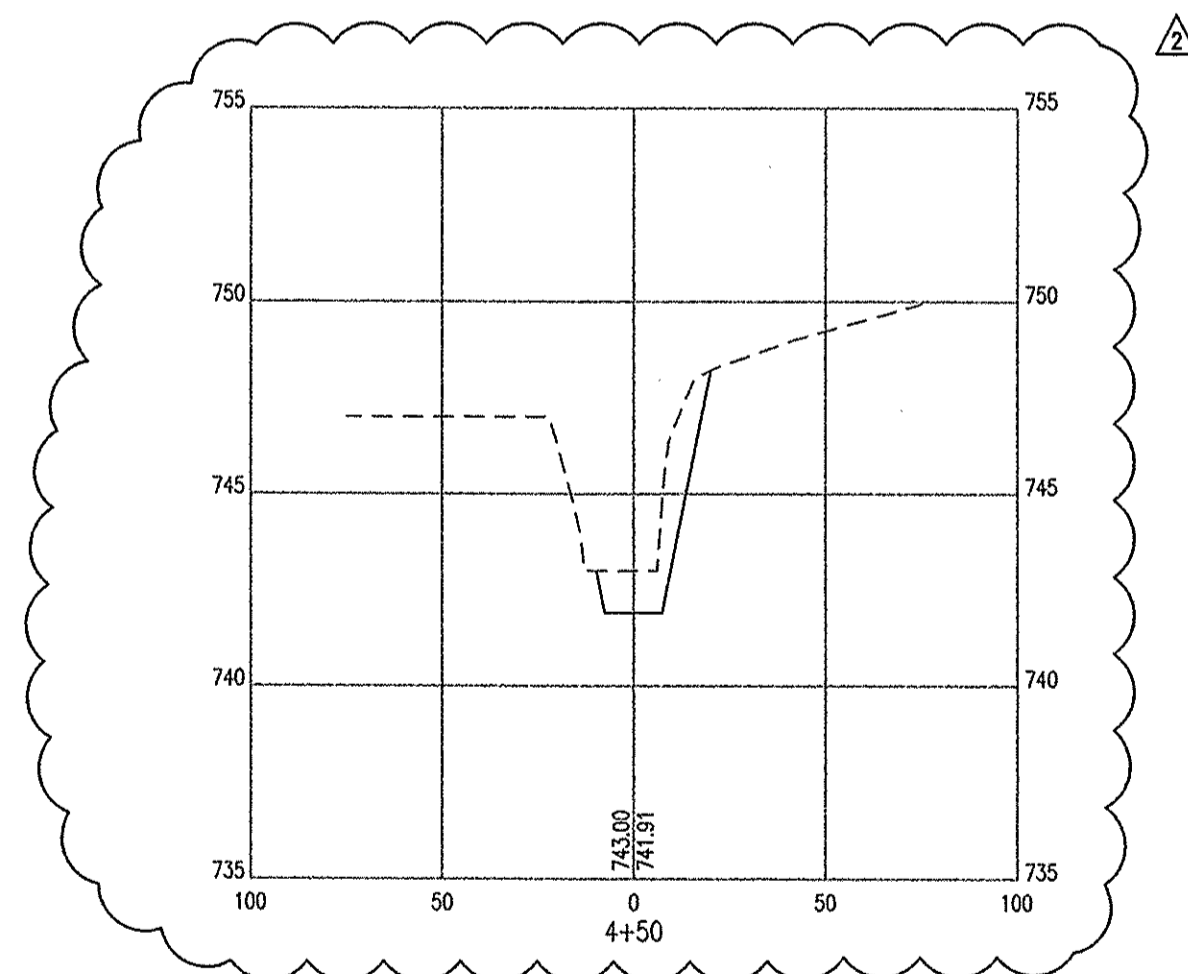
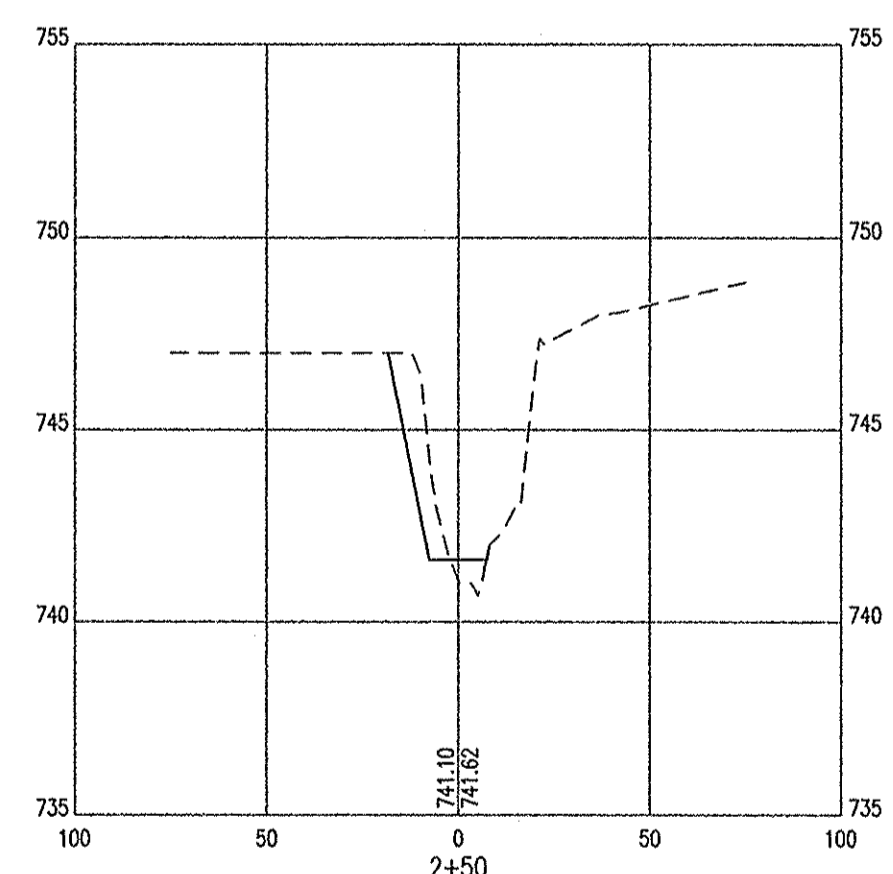
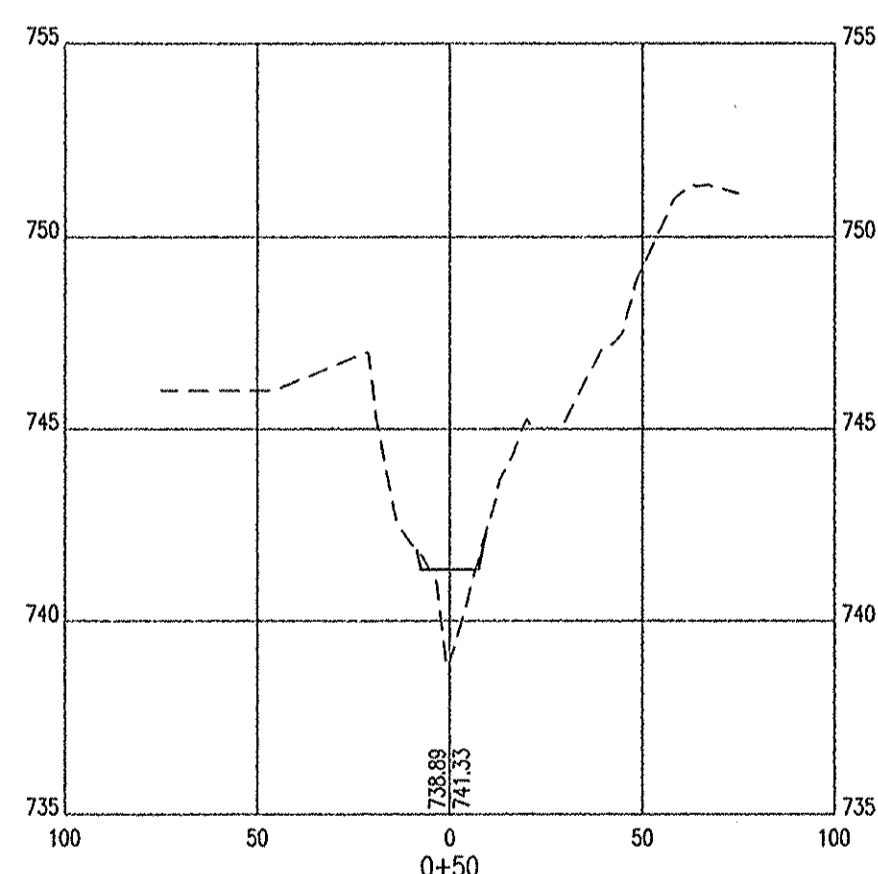
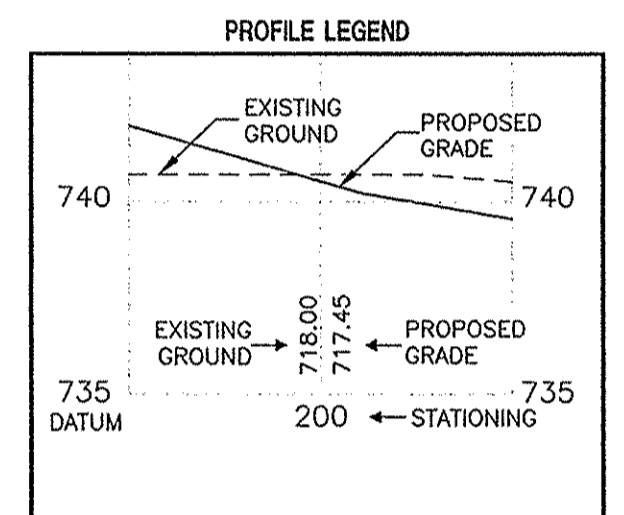
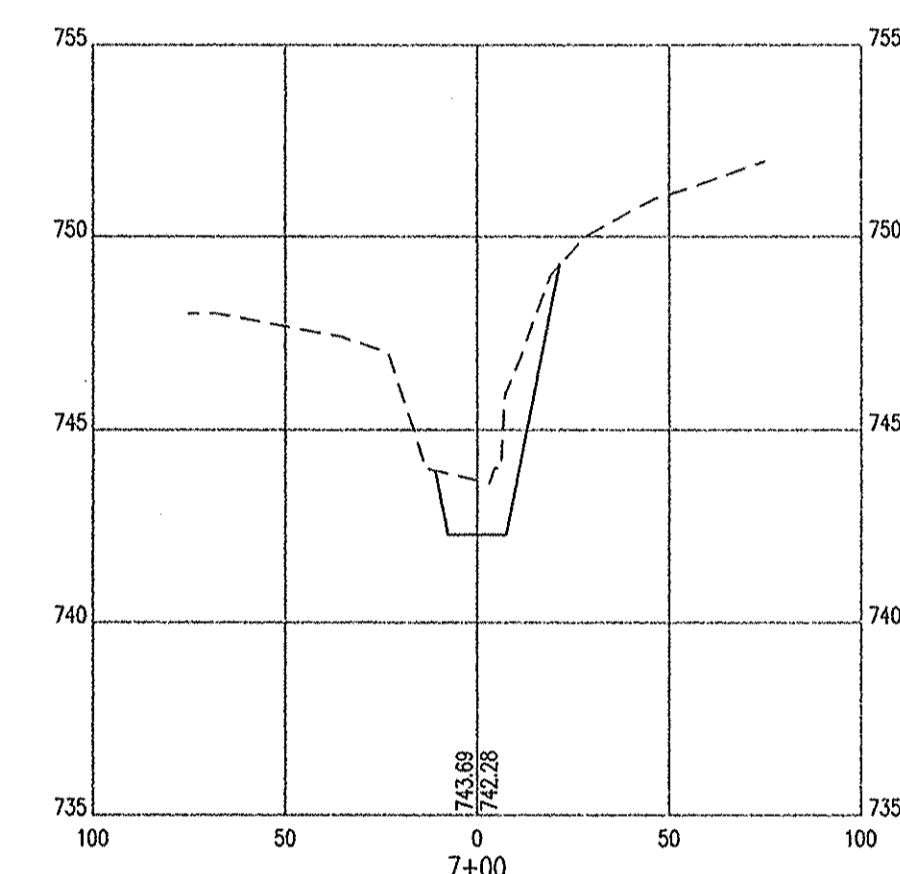
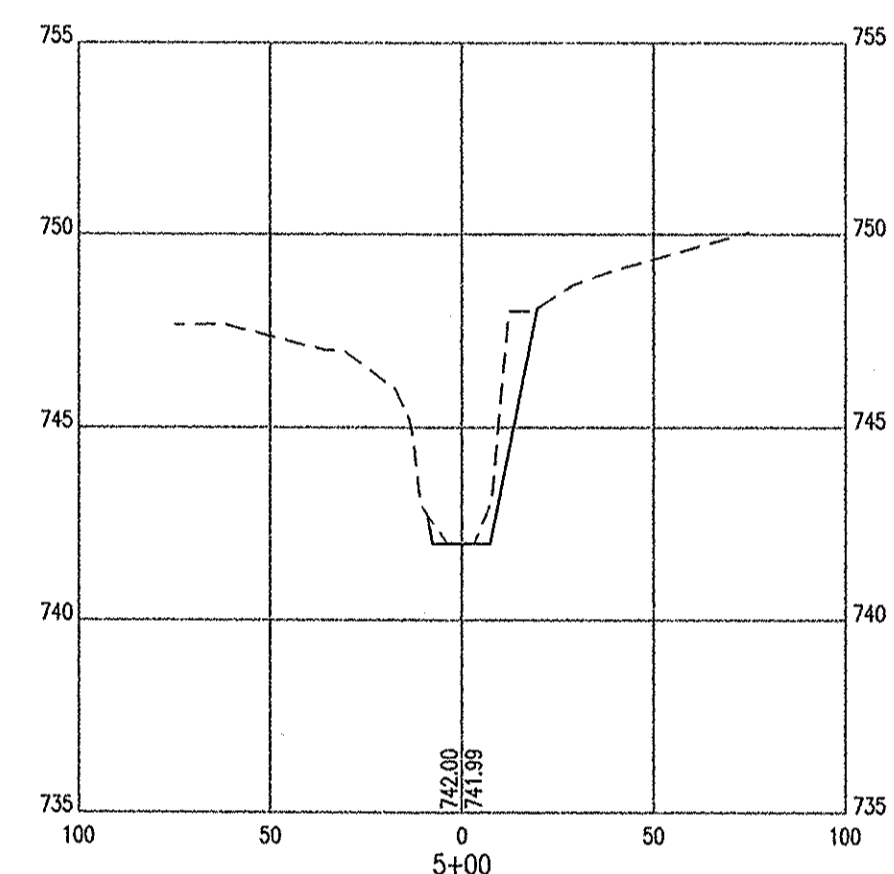
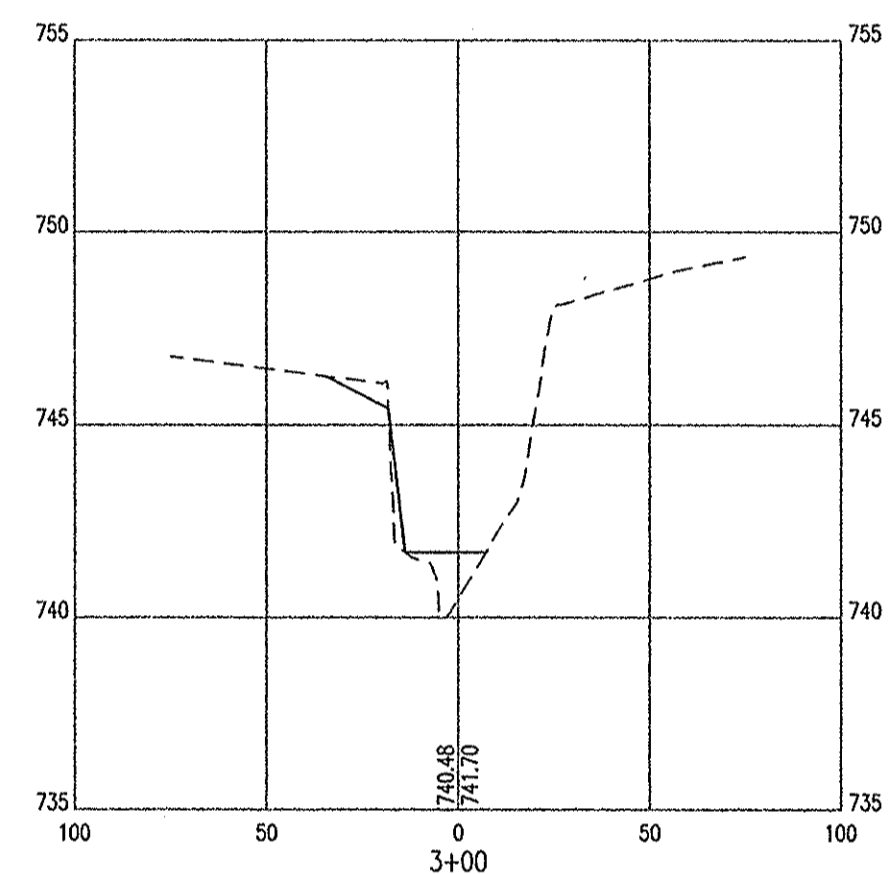
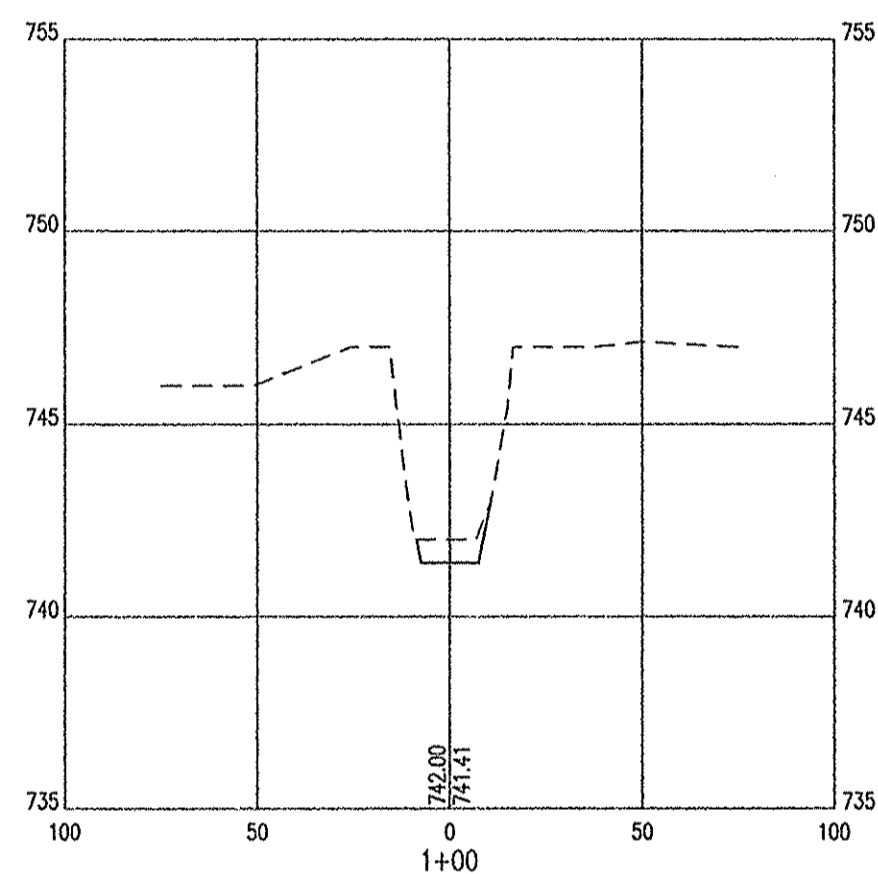
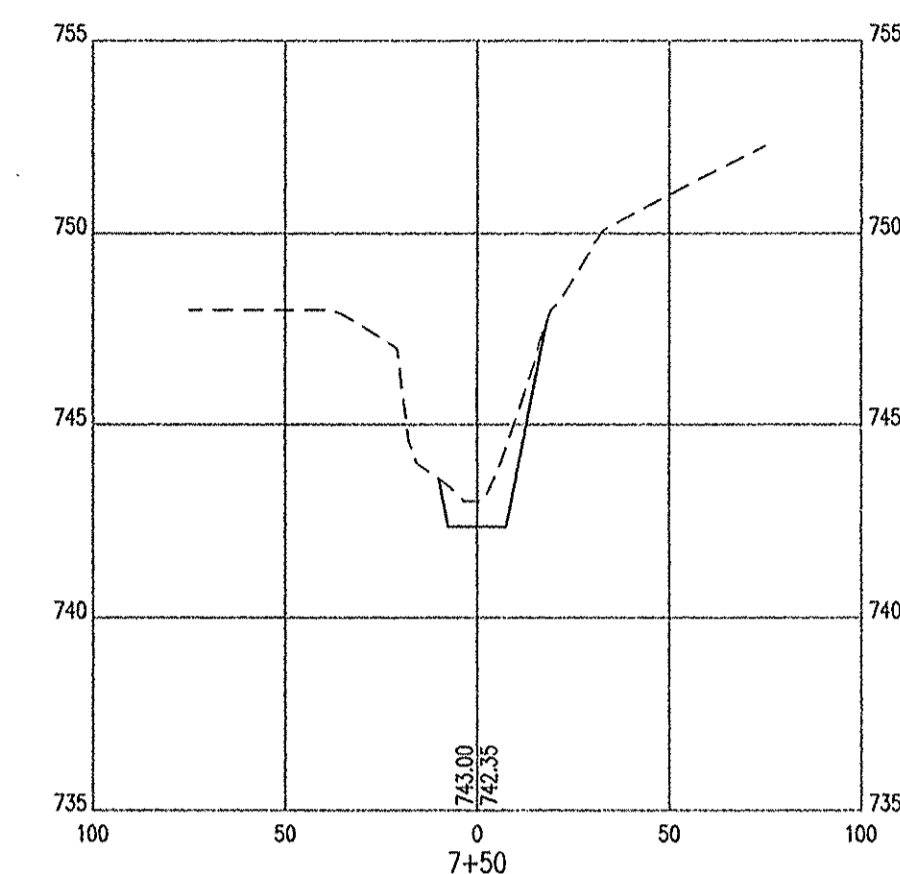
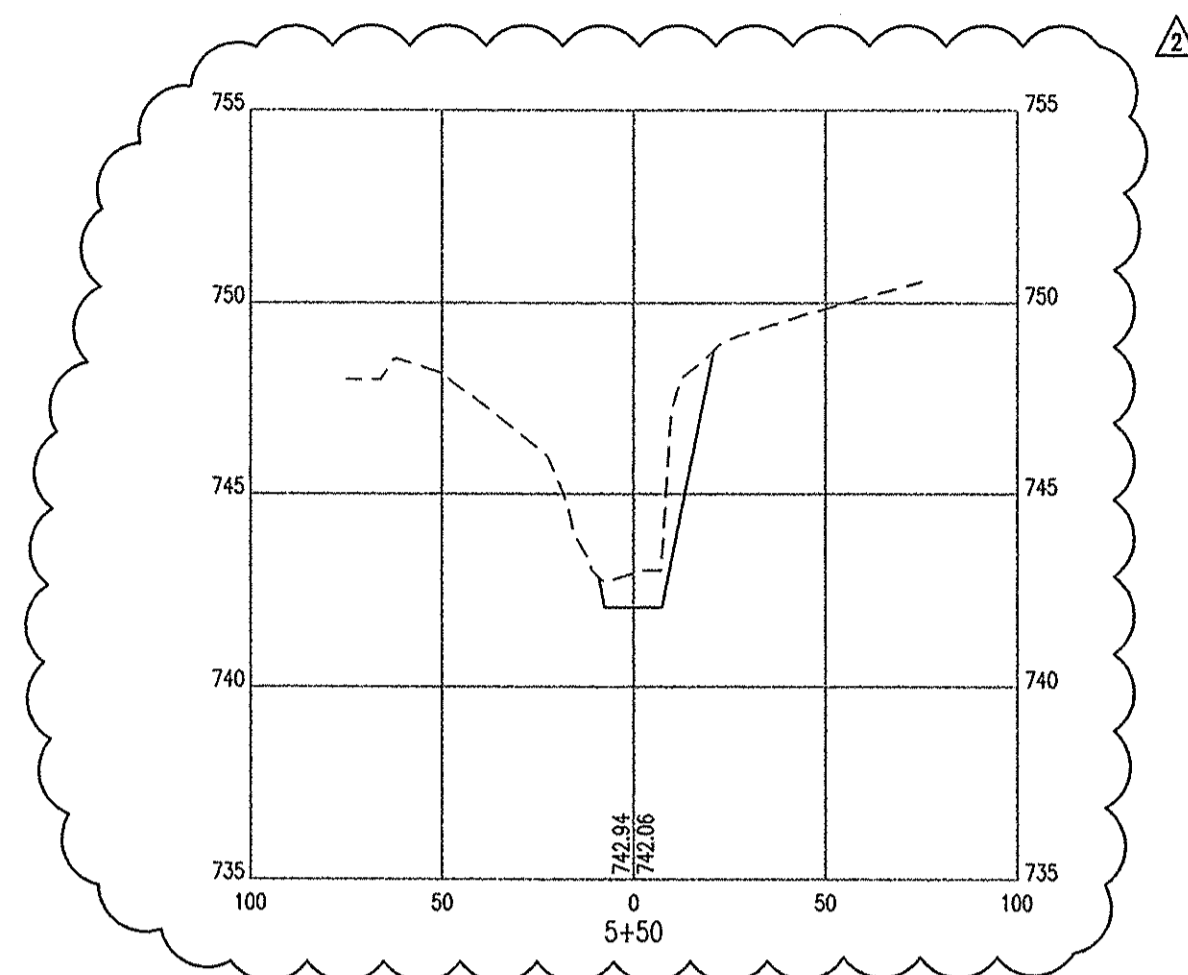
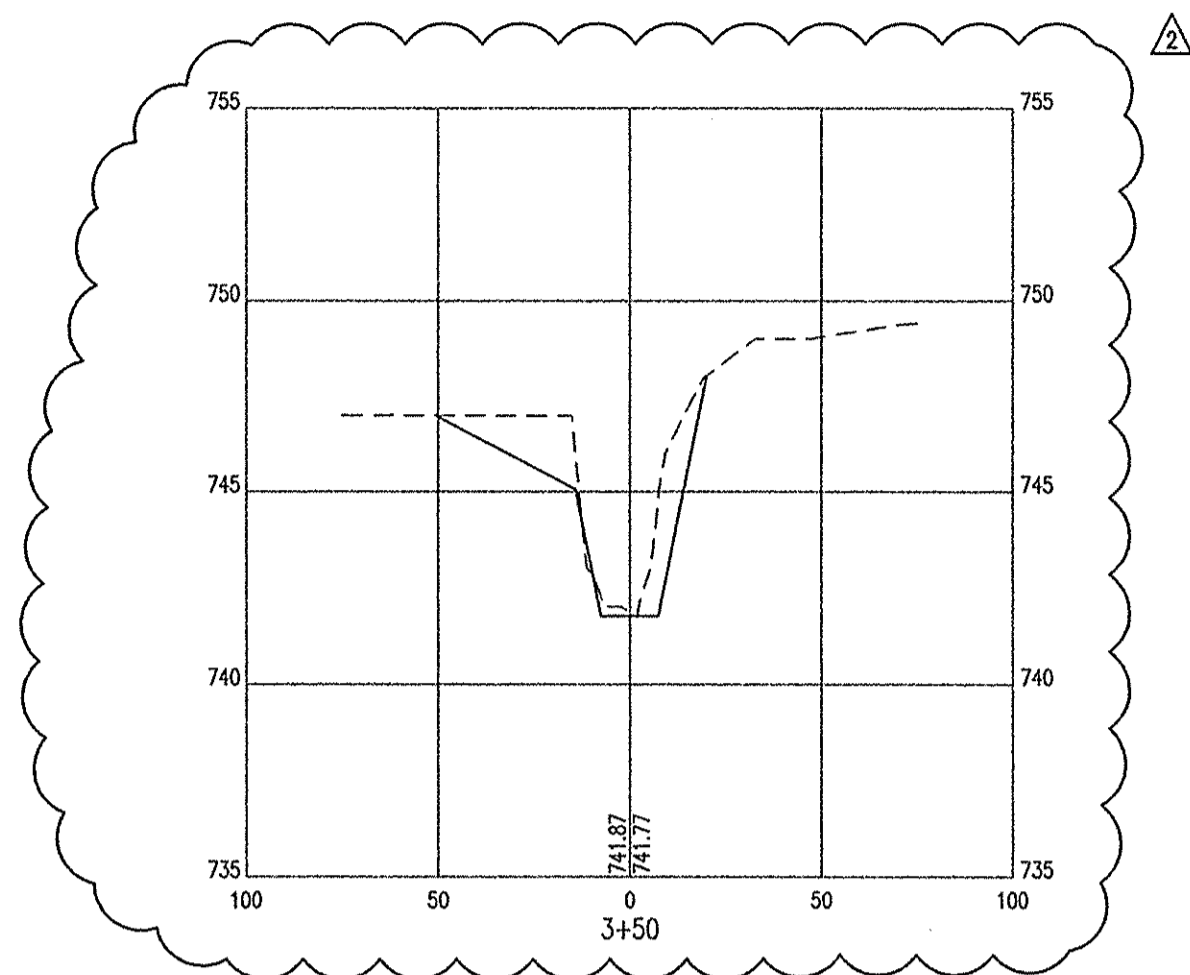
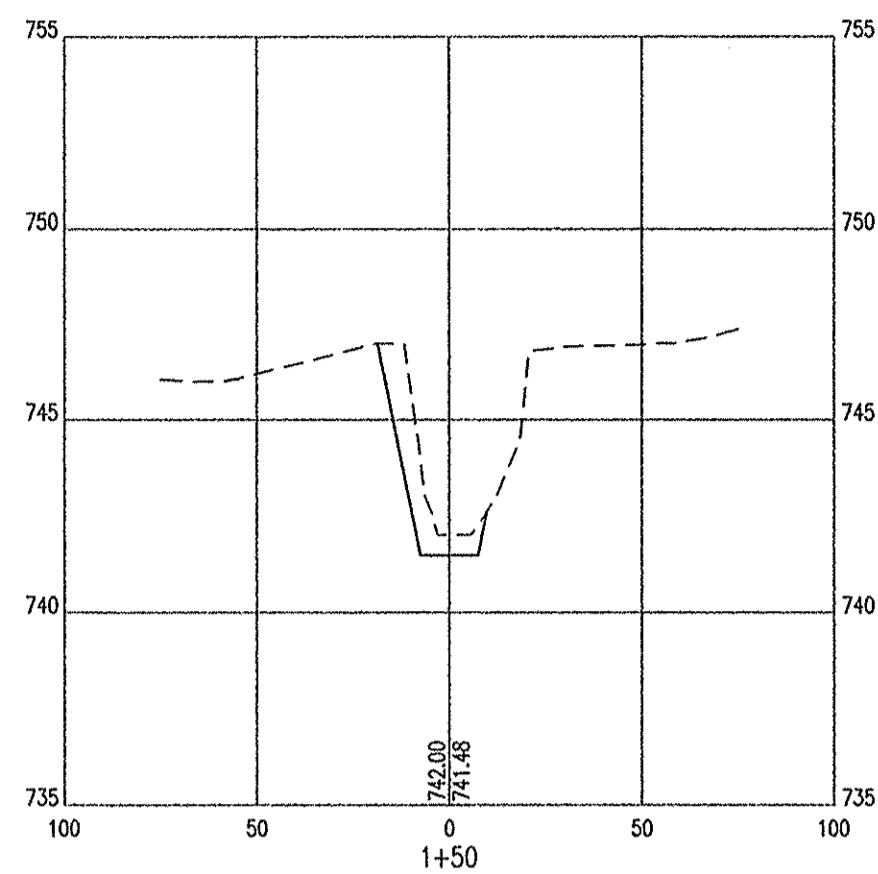
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 E-Mail: crife@cripe.biz

VESTAL DITCH IMPROVEMENTS PLAN AND PROFILE
 Carmel Soccer Fields at River Road
 Carmel Clay School Corporation
 126th Street and River Road

CERTIFIED BY: [Signature]
 02/02/06
 PE 10000128
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

Drawn By: KADLE/ JPHLAN
 Checked By: C. WISEMAN
 Quality Assurance: TOM SCHELLENBERGER

Scale: 1" = 50'
 Sheet: **C702**
 Date: 02-01-06
 Project Number: 040427-20001



HAMILTON CO. SURVEYORS OFFICE
APPROVED
 DATE: FEB 24 2006

Approved when drainage is in accordance with Hamilton County Resolving Drain Design Sit 2004 and the drainage system complies with the Drainage Board acceptance per secondary plot approval.

Revision	Mark	Description	Date
1	A	REVISIONS PER INR AND CITY OF CARMEL	11-02-06
2	B	REVISIONS PER INR AND INR	01-17-06

ARCHITECTURE
 CIVIL ENGINEERS
 LAND PLANNING
 LAND SURVEYORS
 TRANSPORTATION ENGINEERS
 PE
 7172 GRAHAM ROAD
 INDIANAPOLIS, INDIANA 46250
 (317) 842-6777 FAX (317) 841-4798
 E-Mail: cripe@cripe.biz

VESTAL DITCH CROSS SECTIONS
 Carmel Soccer Fields at River Road
 Carmel Clay School Corporation
 126th Street and River Road

CERTIFIED BY: [Signature]
 2/19/06
 DAVID A. LACH
 REGISTERED
 PE 10000128
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

Drawn By: K. NOLLE
 Checked By: G. ZBOYOWSKY
 Quality Assurance: TOM SCHELLENBERGER
 Scale: 1" = 50'
 Sheet: **C703**
 Date: 01-19-06
 Project Number: 040427-20001